

ABSTRACT OF THE DISCLOSURE

A method for generating trace information of an information processing device that monitors operation of a processing unit without depending on the operating frequency of the processing unit. The device includes a processing unit and an interface device. The processing unit generates operational information when branching occurs, and the interface device has a buffer circuit for receiving the operational information from the processing unit. The method includes generating an absolute branching destination address each time a branching occurs, storing the generated absolute branching destination address in the buffer circuit, generating a flag based on the absolute branching destination address, storing the flag in the buffer circuit in association with the absolute branching destination address, generating a relative branching destination address based on the stored absolute branching destination address, and outputting the absolute branching destination address or the relative branching destination address based on the flag.